



Rec'd PCT/PTO 19 SEP 2005 (1)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)		Attorney Docket Number	51876P723
		First Named Inventor	Naehyuck Chang
<input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)		COMPLETE IF KNOWN	
		Application Number	10/511,238
		Filing Date	10/7/2004
		Art Unit	
		Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Apparatus and Method for Reducing Power Consumption By Adjusting Backlight and Adapting Visual Signal

(Title of the Invention)

the specification of which

☐ is attached hereto.

OR

☒ was filed on (if applicable):

or _____ as United States Application Number _____
as PCT International Application Number ☒ PCT/KR03/00849
and was amended on 04/25/2003 (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

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Prior Foreign Application(s):

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
10-2002-0023151	Korea	04/26/2002	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Appointment of Practitioners:

I hereby appoint the practitioners associated with Customer Number: 08791 as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

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NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Naehyuck Chang

(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature N. Chang Date 06/10/2005

Residence Seoul 137-934, Republic of Korea KRX Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #103-704, Daewoo Hyoryeong Apt., 1038 Bangbae-dong, Seocho-gu,
Seoul 137-934, Republic of Korea

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jae Joon Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Daejon 302-754, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #101-1006, Jindalrae Apt., Wolpyeong 3-dong, Seogu
Daejon 302-754, Republic of Korea

NAME OF THIRD INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Je Ho Nam
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Seoul 120-825, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address 119-33 Yeonhee 1-dong, Seodaemun-gu
Seoul 120-825, Republic of Korea

NAME OF FOURTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jin Woo Hong
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Daejon 305-755, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #130-702, Hanbit Apt., Eoeun-dong, Yuseong-gu
Daejon 305-755, Republic of Korea

NAME OF FIFTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jin Woong Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Daejon 305-761, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #305-1603, Expo Apt. Jeonmin-dong, Yuseong-gu
Daejon 305-761, Republic of Korea

NAME OF SIXTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Nam Ik Cho
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Seoul 138-785, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #305-208, Hyundai Reverville Apt., 260 Pungnapdong, Songpa-gu
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Inventor's Signature _____ Date _____
Residence , Republic of Korea Citizenship Republic of Korea
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Mailing Address #325-101, Jugong Apt., Banpo 1-dong, Seocho-gu
, Republic of Korea

NAME OF EIGHTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Man Bae Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Gangwon-do 200-753, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #104-1102, Hyundai 1-cha Apt., Toegye-dong, Chuncheon-si,
Gangwon-do 200-753, Republic of Korea

NAME OF NINTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Rin Chul Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Seoul 130-770, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #105-2001, Samsung Apt., Jeonnong 3-dong, Dongdaemun-gu
Seoul 130-770, Republic of Korea

NAME OF TENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Hae Kwang Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 143-762, Republic of Korea Citizenship Republic of Korea
(City, State, Country) *(Country)*

Mailing Address #102-809, Ilseong Apt., 99 Gunja-dong, Gwangjingu
Seoul 143-762, Republic of Korea

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Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
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Mailing Address _____

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(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
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Mailing Address _____

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Full Name: Jae Joon Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature [Signature] Date 2005. June 3
Residence Daejeon 302-754, Republic of Korea KRX Citizenship Republic of Korea
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3-0 NAME OF THIRD INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Je Ho Nam
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature Nam Je Ho Date 8 August, 2005
Residence Seoul 120-825, Republic of Korea KRX Citizenship Republic of Korea
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Full Name: Jin Woo Hong
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Inventor's Signature Jin Woo Hong Date 8 Aug., 2005
Residence Daejon 305-755, Republic of Korea KRX Citizenship Republic of Korea
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NAME OF TENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____ **Hae Kwang Kim** _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 143-762, Republic of Korea Citizenship Republic of Korea
(City, State, Country) *(Country)*

Mailing Address #102-809, Ilseong Apt., 99 Gunja-dong, Gwangjingu
Seoul 143-762, Republic of Korea

NAME OF ELEVENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) *(Country)*

Mailing Address _____

NAME OF TWELFTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) *(Country)*

Mailing Address _____

NAME OF THIRTEENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) *(Country)*

Mailing Address _____



DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)		Attorney Docket Number	51876P723
		First Named Inventor	Nae hyuck Chang
<input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)		COMPLETE IF KNOWN	
		Application Number	10/511,238
		Filing Date	10/7/2004
		Art Unit	
		Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Apparatus and Method for Reducing Power Consumption By Adjusting Backlight and Adapting Visual Signal

(Title of the Invention)

the specification of which

☐ is attached hereto.

OR

☒ was filed on (if applicable):

or _____ as United States Application Number _____
as PCT International Application Number PCT/KR03/00849
and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
10-2002-0023151	Korea	04/26/2002	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Appointment of Practitioners:

I hereby appoint the practitioners associated with Customer Number: **08791** as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

If this patent application is assigned, then the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

Correspondence:

Direct all correspondence to Customer Number **08791**.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Nae Hyuck Chang
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 137-934, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #103-704, Daewoo Hyoryeong Apt., 1038 Bangbae-dong, Seocho-gu,
Seoul 137-934, Republic of Korea

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jae Joon Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Daejon 302-754, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #101-1006, Jindalrae Apt., Wolpyeong 3-dong, Seogu
Daejon 302-754, Republic of Korea

NAME OF THIRD INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Je Ho Nam
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 120-825, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address 119-33 Yeonhee 1-dong, Seodaemun-gu
Seoul 120-825, Republic of Korea

NAME OF FOURTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jin Woo Hong
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Daejon 305-755, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #130-702, Hanbit Apt., Eoeun-dong, Yuseong-gu
Daejon 305-755, Republic of Korea

NAME OF FIFTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jin Woong Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Daejon 305-761, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #305-1603, Expo Apt. Jeonmin-dong, Yuseong-gu
Daejon 305-761, Republic of Korea

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jae Joon Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Daejon 302-754, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #101-1006, Jindalrae Apt., Wolpyeong 3-dong, Seogu
Daejon 302-754, Republic of Korea

NAME OF THIRD INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Je Ho Nam
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 120-825, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address 119-33 Yeonhee 1-dong, Seodaemun-gu
Seoul 120-825, Republic of Korea

NAME OF FOURTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jin Woo Hong
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Daejon 305-755, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #130-702, Hanbit Apt., Eoeun-dong, Yuseong-gu
Daejon 305-755, Republic of Korea

NAME OF FIFTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jin Woong Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Daejon 305-761, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #305-1603, Expo Apt. Jeonmin-dong, Yuseong-gu
Daejon 305-761, Republic of Korea

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
10-2002-0023151	Korea	04/26/2002	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Nae Hyuck Chang
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 137-934, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #103-704, Daewoo Hyoryeong Apt., 1038 Bangbae-dong, Seocho-gu,
Seoul 137-934, Republic of Korea



Rec'd PCT/PTO 19 SEP 2005

**DECLARATION AND POWER OF
ATTORNEY FOR PATENT APPLICATION
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing OR ☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)

Attorney Docket Number 51876P723

First Named Inventor Nae hyuck Chang

COMPLETE IF KNOWN

Application Number 10 / 511,238

Filing Date 10 / 7 / 2004

Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Apparatus and Method for Reducing Power Consumption By Adjusting Backlight and Adapting Visual Signal

(Title of the Invention)

the specification of which

☐ is attached hereto.

OR

☒ was filed on (if applicable):

or

04/25/2003
and was amended on

as United States Application Number

as PCT International Application Number

PCT/KR03/00849

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

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I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

NAME OF TENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Hae Kwang Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 143-762, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #102-809, Ilseong Apt., 99 Gunja-dong, Gwangjingu
Seoul 143-762, Republic of Korea

NAME OF ELEVENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) (Country)

Mailing Address _____

NAME OF TWELFTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) (Country)

Mailing Address _____

NAME OF THIRTEENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) (Country)

Mailing Address _____

6-0 NAME OF SIXTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Nam Ik Cho
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature Nam Ik Cho Date June 7, 2005
Residence Seoul 138-785, Republic of Korea KRX Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #305-208, Hyundai Reverville Apt., 260 Pungnapdong, Songpa-gu
Seoul 138-785, Republic of Korea

NAME OF SEVENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Hyoung Joong Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence , Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #325-101, Jugong Apt., Banpo 1-dong, Seocho-gu
, Republic of Korea

NAME OF EIGHTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Man Bae Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Gangwon-do 200-753, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #104-1102, Hyundai 1-cha Apt., Toegye-dong, Chuncheon-si,
Gangwon-do 200-753, Republic of Korea

NAME OF NINTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Rin Chul Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Seoul 130-770, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #105-2001, Samsung Apt., Jeonnon 3-dong, Dongdaemun-gu
Seoul 130-770, Republic of Korea

NAME OF SIXTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Nam Ik Cho
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 138-785, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #305-208, Hyundai Reverville Apt., 260 Pungnapdong, Songpa-gu
Seoul 138-785, Republic of Korea

7-00 NAME OF SEVENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Hyoung Joong Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature Hyoung Joong Kim Date Sep. 2, 2005

Residence , Republic of Korea KRX Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #325-101, Jugong Apt., Banpo 1-dong, Seocho-gu
, Republic of Korea

8-00 NAME OF EIGHTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Man Bae Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature Man Bae Kim Date Sep. 1, 2005

Residence Gangwon-do 200-753, Republic of Korea KRX Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #104-1102, Hyundai 1-cha Apt., Toegye-dong, Chuncheon-si,
Gangwon-do 200-753, Republic of Korea

NAME OF NINTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Rin Chul Kim
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Inventor's Signature _____ Date _____

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Mailing Address #105-2001, Samsung Apt., Jeonmong 3-dong, Dongdaemun-gu
Seoul 130-770, Republic of Korea

NAME OF TENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____ **Hae Kwang Kim** _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

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Mailing Address #102-809, Ilseong Apt., 99 Gunja-dong, Gwangjingu
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NAME OF ELEVENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) *(Country)*

Mailing Address _____

NAME OF TWELFTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])*

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) *(Country)*

Mailing Address _____

NAME OF THIRTEENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) *(Country)*

Mailing Address _____



Rec'd PCT/PTO 19 SEP 2005

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)		Attorney Docket Number 51876P723	
		First Named Inventor Nae hyuck Chang	
<input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)		COMPLETE IF KNOWN	
		Application Number 10/511,238	
		Filing Date 10/7/2004	
		Art Unit	
		Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Apparatus and Method for Reducing Power Consumption By Adjusting Backlight and Adapting Visual Signal

(Title of the Invention)

the specification of which

☐ is attached hereto.

OR

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Prior Foreign Application(s):

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			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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Correspondence:

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NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Nae Hyuck Chang
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Inventor's Signature _____ Date _____

Residence Seoul 137-934, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #103-704, Daewoo Hyoryeong Apt., 1038 Bangbae-dong, Seocho-gu,
Seoul 137-934, Republic of Korea

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jae Joon Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Daejon 302-754, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #101-1006, Jindalrae Apt., Wolpyeong 3-dong, Seogu
Daejon 302-754, Republic of Korea

NAME OF THIRD INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Je Ho Nam
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Seoul 120-825, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address 119-33 Yeonhee 1-dong, Seodaemun-gu
Seoul 120-825, Republic of Korea

NAME OF FOURTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jin Woo Hong
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Daejon 305-755, Republic of Korea Citizenship Republic of Korea
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Daejon 305-755, Republic of Korea

NAME OF FIFTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

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(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence , Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #325-101, Jugong Apt., Banpo 1-dong, Seocho-gu
, Republic of Korea

NAME OF EIGHTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Man Bae Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Gangwon-do 200-753, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #104-1102, Hyundai 1-cha Apt., Toegye-dong, Chuncheon-si,
Gangwon-do 200-753, Republic of Korea

9-00 NAME OF NINTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Rin Chul Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature Kim, Rinchul Date 06/13/2005
Residence Seoul 130-770, Republic of Korea KEX Citizenship Republic of Korea
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Mailing Address #105-2001, Samsung Apt., Jeonnong 3-dong, Dongdaemun-gu
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Full Name: Hae Kwang Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 143-762, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #102-809, Ilseong Apt., 99 Gunja-dong, Gwangjingu
Seoul 143-762, Republic of Korea

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City, State, Country) (Country)

Mailing Address _____

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City , State, Country) *(Country)*

Mailing Address _____

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____
(City , State, Country) *(Country)*

Mailing Address _____



Rec'd PCT/PTO 19 SEP 2005

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (37 CFR 1.63)		Attorney Docket Number	51876P723
		First Named Inventor	Nae hyuck Chang
<input type="checkbox"/> Declaration Submitted with Initial Filing OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)		COMPLETE IF KNOWN	
		Application Number	10/511,238
		Filing Date	10/7/2004
		Art Unit	
		Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Apparatus and Method for Reducing Power Consumption By Adjusting Backlight and Adapting Visual Signal
--

the specification of which *(Title of the Invention)*

☐ is attached hereto.

OR

☒ was filed on (if applicable):

or _____ as United States Application Number _____
as PCT International Application Number PCT/KR03/00849
and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
10-2002-0023151	Korea	04/26/2002	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Appointment of Practitioners:

I hereby appoint the practitioners associated with Customer Number: **08791** as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith.

If this patent application is assigned, then the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the patent attorneys and patent agents and the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by the undersigned.

Correspondence:

Direct all correspondence to Customer Number **08791**.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Nae Hyuck Chang
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])

Inventor's Signature _____ Date _____

Residence Seoul 137-934, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)

Mailing Address #103-704, Daewoo Hyoryeong Apt., 1038 Bangbae-dong, Seocho-gu,
Seoul 137-934, Republic of Korea

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jae Joon Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Daejon 302-754, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #101-1006, Jindalrae Apt., Wolpyeong 3-dong, Seogu
Daejon 302-754, Republic of Korea

NAME OF THIRD INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Je Ho Nam
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Seoul 120-825, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address 119-33 Yeonhee 1-dong, Seodaemun-gu
Seoul 120-825, Republic of Korea

NAME OF FOURTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jin Woo Hong
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Daejon 305-755, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #130-702, Hanbit Apt., Eoeun-dong, Yuseong-gu
Daejon 305-755, Republic of Korea

NAME OF FIFTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Jin Woong Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Daejon 305-761, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #305-1603, Expo Apt. Jeonmin-dong, Yuseong-gu
Daejon 305-761, Republic of Korea

NAME OF SIXTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Nam Ik Cho
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Seoul 138-785, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #305-208, Hyundai Reverville Apt., 260 Pungnapdong, Songpa-gu
Seoul 138-785, Republic of Korea

NAME OF SEVENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Hyoung Joong Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence , Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #325-101, Jugong Apt., Banpo 1-dong, Seocho-gu
, Republic of Korea

NAME OF EIGHTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Man Bae Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Gangwon-do 200-753, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #104-1102, Hyundai 1-cha Apt., Toegye-dong, Chuncheon-si,
Gangwon-do 200-753, Republic of Korea

NAME OF NINTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Rin Chul Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
Inventor's Signature _____ Date _____
Residence Seoul 130-770, Republic of Korea Citizenship Republic of Korea
(City, State, Country) (Country)
Mailing Address #105-2001, Samsung Apt., Jeonnon 3-dong, Dongdaemun-gu
Seoul 130-770, Republic of Korea

10-00 NAME OF TENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: Hae Kwang Kim
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
 Inventor's Signature [Signature] Date 31 August 2005
 Residence Seoul 143-762, Republic of Korea KRX Citizenship Republic of Korea
(City, State, Country) (Country)
 Mailing Address #102-809, Ilseong Apt., 99 Gunja-dong, Gwangjingu
Seoul 143-762, Republic of Korea

NAME OF ELEVENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
 Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
(City, State, Country) (Country)
 Mailing Address _____

NAME OF TWELFTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
 Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
(City, State, Country) (Country)
 Mailing Address _____

NAME OF THIRTEENTH INVENTOR: ☐ A petition has been filed for this undersigned inventor

Full Name: _____
(First, Middle [if any], Family Name (or Surname), and Suffix [if any])
 Inventor's Signature _____ Date _____
 Residence _____ Citizenship _____
(City, State, Country) (Country)
 Mailing Address _____

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